

REMARKS

This Amendment responds to the office action dated July 22, 2009.

The examiner has rejected claims 1-3, 7 and 8 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) in view of U.S. Patent No. 6,624,909 by Czyszczewski (hereinafter Czyszczewski). Claim 1 is independent. Claims 2, 3, 7 and 8 are dependent on claim 1 and comprise all the elements therein by dependence.

Claims 1-10 are canceled.

The examiner has rejected claim 4 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) in view of U.S. Patent No. 6,624,909 by Czyszczewski (hereinafter Czyszczewski) and further in view of U.S. Patent No. 7,139,085 by Sakaguchi (hereinafter Sakaguchi).

Claim 4 is canceled.

The examiner has rejected claim 5 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) in view of U.S. Patent No. 6,624,909 by Czyszczewski (hereinafter Czyszczewski) and further in view of U.S. Patent No. 7,139,085 by Sakaguchi (hereinafter Sakaguchi) and further in view of U.S. Patent No. 5,287,194 by Lobiondo (hereinafter Lobiondo).

Claim 5 is canceled.

The examiner has rejected claims 6, 9-13, 15, 16, 18, 19, 23 and 24 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) in view of U.S. Patent No. 6,624,909 by Czyszczewski (hereinafter Czyszczewski) and further in view of U.S. Patent No. 5,287,194 by Lobiondo (hereinafter Lobiondo).

Claims 1, 11, 18, 23 and 24 are independent claims. Claims 6, 9 and 10 are canceled. Claims 12, 13, 15 and 16 depend from claim 11. Claim 19 depends from claim 18.

Claims 11, 18, 23 and 24 are amended to comprise at least one element that is not taught in the combination of Takahashi, Czyszczewski and Lobiondo. These claims now comprise elements related to specific spooling and distribution processes, which are not taught in the cited prior art.

The examiner has rejected claims 14 and 17 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) (as modified by Lobiondo and Czyszczewski) in view of U.S. Patent No. 6,049,394 by Fukushima (hereinafter Fukushima). Claims 14 and 17 depend from claim 11 and comprise all the elements therein.

Claim 11 is amended to comprise at least one element that is not taught in the combination of Takahashi, Czyszczewski and Fukushima. These claims now comprise elements related to specific spooling and distribution processes, which are not taught in the cited prior art.

The examiner has rejected claim 20 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) (as modified by Lobiondo and

Czyszczewski) in view of U.S. Patent No. 6,665,082 by Takeoka et al (hereinafter Takeoka).

Claim 20 depends from claim 18 and comprises all the elements therein.

Claim 18 is amended to comprise at least one element that is not taught in the combination of Takahashi, Czyszczewski, Lobiondo and Takeoka et al. This claim now comprises elements related to specific spooling and distribution processes, which are not taught in the cited prior art.

The examiner has rejected claims 21 and 22 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent No. 6,985,245 by Takahashi (hereinafter Takahashi) (as modified by Lobiondo and Czyszczewski) in view of U.S. Patent No. 6,891,632 by Schwartz (hereinafter Schwartz). Claims 21 and 22 depend from claim 18 and comprise all the elements therein.

Claim 18 is amended to comprise at least one element that is not taught in the combination of Takahashi, Czyszczewski, Lobiondo and Schwartz. This claim now comprises elements related to specific spooling and distribution processes, which are not taught in the cited prior art.

Based on the foregoing amendments and remarks, the Applicant respectfully requests reconsideration and allowance of the present application.

Respectfully submitted,

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